

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6323 (1982): Convex Milling Cutters [PGD 32: Cutting tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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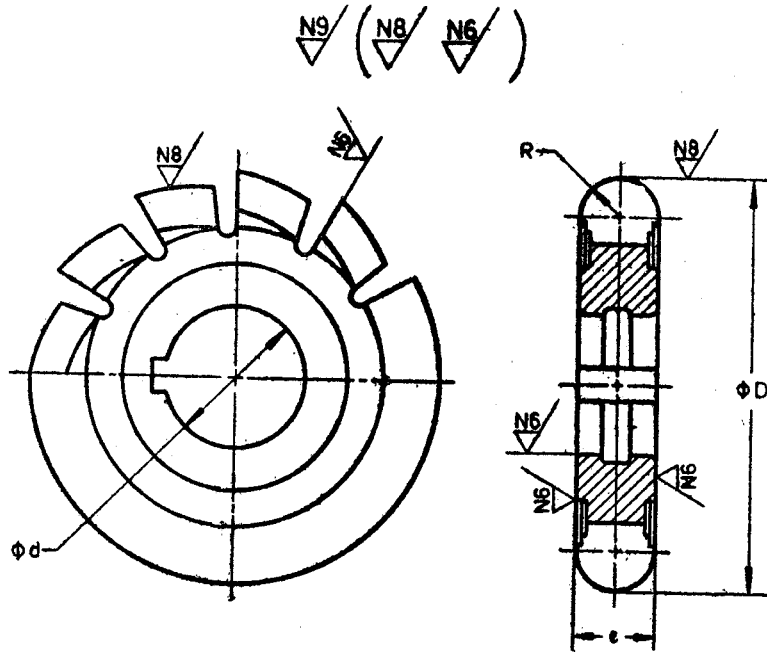
Indian Standard

SPECIFICATION FOR CONVEX MILLING CUTTERS

(First Revision)

1. Scope — Covers the dimensions and requirements for convex milling cutters with plain bore and keydrive.

2. Dimensions



All dimensions in millimetres.

R^* k11	D js16	d H7	e	Tool-Type
1	50	16	2	N
1.25			2.5	
1.6			3.2	
2			4	
2.5	63	22	5	
3.15 (3)			6.3 (6)	
4			8	
5			10	
6.3 (6)	80	27	12.6 (12)	
8			16	
10			20	
12.5 (12)	100	32	25 (24)	
16			32	
20			40	
	125			

Note — The figure is indicative of dimensions only and does not specify design features.

*Values shown in the parentheses are alternatives.

3. General Requirements

3.1 Dimensions for keyways shall be according to IS : 6285-1971 'Dimensions for interchangeability of milling cutters and arbors with keydrive'.

Adopted 23 August 1982

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3.2 For requirements not covered in this standard, it shall conform to the requirements, as given in IS : 1830-1982 'Technical supply conditions for milling cutters (*second revision*)'.

3.3 Unless specified, otherwise the cutter shall be provided with 0° radial rake.

4. Sampling — The sampling and its criteria of acceptance shall be in accordance with IS : 7778-1975 'Methods for sampling small tools'.

5. Designation — A convex milling cutter having $R = 10$ mm of tool-type 'N', made from high speed steel, conforming to this standard shall be designated as:

Convex Milling Cutter 10 IS : 6323

6. ISI Certification Marking — Details available with the Indian Standards Institution.

EXPLANATORY NOTE

This standard was first published in 1971. The present revision is necessitated, to bring it in line with the work done at ISO level.

In the preparation of this standard considerable assistance has been drawn from the following standards:

ISO 3860-1976 Bore cutters with keydrive form milling cutters with constant profile. International Organization for Standardization.

DIN 856 (Teil 1)-1978 Halbrund-profil fraser konvex-masse (Convex milling cutters — Dimensions). Deutsches Institut für Normung.